

What is claimed is:

1. A method of a virtual network resource infrastructure having a plurality of clients accessing said virtual network resource infrastructure back-end means, comprising: a plurality of e-malls; a plurality of satellite e-malls; a plurality of e-shops; a plurality of e-distributors; a plurality of web sites; a method of uploading interfaces where a user uploads an interface and said user uploaded interface is the front-end means for a client accessing said virtual network; a method of fetching interfaces where a client having fetching and displaying means for fetching and displaying an interface with an similar appearance and said interface is fetched from more than one location; a method of on-line interface translation for translating interfaces in a user selected foreign language; said virtual network having satellite e-malls and each of said satellite e-mall having e-services means and at least one of said virtual network's e-mall having including means for including at least one said satellite e-mall and at least one of said satellite e-mall's e-service; a method of user uploading of file with settings for the purpose of changing an interface appearance based on said user uploaded file with setting's parameters; a method of user surfing tracking where a server having an automatic tracking means for tracking each information transmitted to each client; use of agents by an e-mall; and a method for presenting different information about a subject matter based on each user pre-set

1 information and said user pre-set information is stored in the server supplying said
2 information about said subject matter to said user.
3

- 4 2. A method of e-commerce in a virtual network resource infrastructure having a plurality of
5 clients accessing said virtual network resource infrastructure for said virtual network e-
6 commerce back-end means, comprising: a plurality of e-malls; a plurality of satellite e-
7 malls; a plurality of e-shops; a plurality of e-distributors; a plurality of web sites; a method
8 of uploading interfaces where a user uploads an interface and said user uploaded interface
9 is the front-end means for a client accessing said virtual network; a method of fetching
10 interfaces where a client having fetching and displaying means for fetching and displaying
11 an interface with an similar appearance and said interface is fetched from more than one
12 location; a method of on-line interface translation for translating interfaces in a user
13 selected foreign language; said virtual network having satellite e-malls and each of said
14 satellite e-mall having e-services means and at least one of said virtual network's e-mall
15 having including means for including at least one said satellite e-mall and at least one of
16 said satellite e-mall's e-service; a method of user uploading of file with settings for the
17 purpose of changing an interface appearance based on said user uploaded file with setting's
18 parameters; a method of user surfing tracking where a server having an automatic tracking
19 means for tracking each information transmitted to each client; use of agents by an e-mall;

1 and a method for presenting different information about a subject matter based on each
2 user pre-set information and said user pre-set information is stored in the server supplying
3 said information about said subject matter to said user.

- 4
- 5 3. A program in a storage medium in which the program having means for processing the
6 hosting and management of a virtual network resource infrastructure where it has been
7 stored and which can be read by a computer, comprising: a plurality of e-malls; a plurality
8 of satellite e-malls; a plurality of e-shops; a plurality of e-distributors; a plurality of web
9 sites; a method of uploading interfaces where a user uploads an interface and said user
10 uploaded interface is the front-end means for a client accessing said virtual network; a
11 method of fetching interfaces where a client having fetching and displaying means for
12 fetching and displaying an interface with an similar appearance and said interface is fetched
13 from more than one location; a method of on-line interface translation for translating
14 interfaces in a user selected foreign language; said virtual network having satellite e-malls
15 and each of said satellite e-mall having e-services means and at least one of said virtual
16 network's e-mall having including means for including at least one said satellite e-mall and
17 at least one of said satellite e-mall's e-service; a method of user uploading of file with
18 settings for the purpose of changing an interface appearance based on said user uploaded
19 file with setting's parameters; a method of user surfing tracking where a server having an

1 automatic tracking means for tracking each information transmitted to each client; use of
2 agents by an e-mall; and a method for presenting different information about a subject
3 matter based on each user pre-set information and said user pre-set information is stored
4 in the server supplying said information about said subject matter to said user.

5
6 4. The virtual network resource infrastructure according to claim 1, wherein said virtual
7 network resource infrastructure having a plurality of e-malls, each of said e-mall having at
8 least one e-shops and each of said e-shop having including means for including products
9 from another e-shop.

10
11 5. The virtual network resource infrastructure according to claim 1, wherein said virtual
12 network resource infrastructure having a plurality of e-malls and each of said e-mall
13 having including means for including e-shop's product and said e-shop is hosted by another
14 e-mall.

15
16 6. The virtual network resource infrastructure according to claim 1, wherein said virtual
17 network resource infrastructure having a method of on-line text object translation where a
18 user at a client initiates a request for a page translation and said client transmits said user
19 request to said virtual network resource infrastructure, comprising: a client having

1 selecting means for selecting a foreign language and a user at said client selects a foreign
2 language and said client having transmitting means for transmitting said user selected
3 foreign language in the form of **encoded information** to said virtual network resource
4 infrastructure; said virtual network resource infrastructure having receiving means for
5 receiving said **encoded information** from said client and said **encoded information**
6 represents said user selected foreign language, also, said virtual network resource
7 infrastructure having processing means for processing a program code and said program
8 code having a translation function and said translation function having translating means
9 for translating a page; said virtual network resource infrastructure having transmitting
10 means for transmitting said translated page to said client; and said client having receiving
11 and displaying means for receiving and displaying said translated page and said translated
12 page is in the said user selected foreign language.

13
14 7. The virtual network resource infrastructure according to claim 6, wherein said function
15 having receiving means for receiving two parameters and inserting means for inserting said
16 function result into a page, comprising: (a) a **code reference** for retrieving a database
17 table's row containing different foreign language in each column of said retrieved database
18 table's row; (b) an **encoded information** for retrieving a column at said retrieved database
19 table's rows of step (a) and said retrieved database column is a database text object in the

1 user selected foreign language; and inserting means for inserting said retrieved text object
2 of step (b) into a page.
3

- 4 8. The virtual network resource infrastructure according to claim 1, wherein said virtual
5 network resource infrastructure having a method for on-line page translation for
6 translating text objects and database text objects, comprising: a user at said client selects a
7 foreign language and said client having transmitting means for transmitting said user
8 selection in the form of **encoded information** to said virtual network resource
9 infrastructure; said virtual network resource infrastructure having receiving means for
10 receiving said **encoded information**; said virtual network resource infrastructure having
11 processing means for processing a program and said program having a translating function
12 for translating text objects, also, said program having combining means for combining said
13 **encoded reference** with SQL text string and form a SQL query expression and said query
14 expression's result will only include database text objects in the user selected foreign
15 language; said virtual network resource infrastructure having translating and transmitting
16 means for translating and transmitting said translated page to said client; and said client
17 having receiving and displaying means for receiving and displaying said translated page in
18 the said user selected foreign language.
19

- 1 9. The virtual network resource infrastructure according to claim 8, wherein said function
2 having receiving means for receiving two parameters and inserting means for inserting said
3 function result into a page, comprising: (a) a **code reference** for retrieving a database
4 table's row containing different foreign language in each column of said retrieved database
5 table's row; (b) an **encoded information** for retrieving a column at said retrieved database
6 table's rows of step (a) and said retrieved database column is a database text object in the
7 user selected foreign language; and inserting means for inserting said retrieved text object
8 of step (b) into a page.
- 10 10. The virtual network resource infrastructure according to claim 8, wherein an **encoded**
11 **information** is combined with a SQL text string and said SQL text string is a **query**
12 **expression** for querying a database, comprising: a server having receiving means for
13 receiving said **encoded information** and processing means for processing a program code
14 and said program code having processing means for processing said **query expression** and
15 perform a database query, and, said query's result will only retrieve database text objects
16 in said user selected foreign language; and inserting means for inserting said retrieved text
17 object into a page.

1 11. The virtual network resource infrastructure according to claim 1, wherein said resource
2 infrastructure having interfacing means for interfacing a client accessing said resource
3 infrastructure back-end means, comprising: said interfacing means is at least one pre-set
4 interface located within said virtual network resource infrastructure and available as a
5 front-end means for an e-mall, satellite e-mall, e-shop, e-distributor or web site.
6

7 12. The virtual network resource infrastructure according to claim 1, wherein said resource
8 network infrastructure having a method for exchanging a web site's interface where an
9 end-user at a client uploads an interface to said virtual network resource infrastructure,
10 comprising: a client having uploading means for uploading a user interface and said user
11 uploaded interface is the front-end means for a user at a client accessing said virtual
12 network resource infrastructure's back-end means; said virtual network resource
13 infrastructure having receiving and processing means for receiving and processing said
14 user uploaded interface and creating means for creating a new interface.
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16 13. The virtual network resource infrastructure according to claim 12, wherein said back-end
17 means is an e-commerce.
18

1 14. The virtual network resource infrastructure according to claim 12, wherein said user
2 uploaded interface is a web site's front-end means for accessing said virtual network
3 resource infrastructure back-end means where said web site is hosted.
4

5 15. The virtual network resource infrastructure according to claim 12, wherein said user-
6 uploaded interface is the front-end means for accessing said virtual server resource
7 infrastructure back-end means.
8

9 16. The virtual network resource infrastructure according to claim 12, wherein said user
10 uploaded interface having guiding means for guiding said virtual network resource
11 infrastructure server in the inserting of program code means and processing means for
12 processing said user uploaded interface along with said inserted program code and
13 creating means for creating a new interface.
14

15 17. The virtual network resource infrastructure according to claim 12, wherein said user
16 uploaded interface having guiding means for guiding the virtual network resource
17 infrastructure in the inserting of information in said user uploaded interface and creating
18 means for creating a new interface.
19

1 18. The virtual network resource infrastructure according to claim 12, wherein said user
2 uploaded interface residing at said virtual network resource infrastructure, another
3 interface having a similar appearance as of said user uploaded interface residing at a
4 different location, and a client having fetching means for fetching more than one interface
5 and displaying means for displaying an interface with similar appearance.
6

7 19. The virtual network resource infrastructure according to claim 1, wherein said virtual
8 resource network infrastructure having a method for exchanging and presenting a web
9 site's interface, comprising: a client having uploading means for uploading a user interface
10 to said virtual network resource infrastructure and said user uploaded interface is the
11 front-end means for a user at a client accessing said virtual network resource
12 infrastructure back-end resources means; said virtual network resource infrastructure
13 having receiving and processing means for receiving and processing said user uploaded
14 interface and creating means for creating a new interface, another interface having similar
15 appearance residing in at least one other location other than the location where said user
16 uploaded interface is residing; and a client having fetching means for fetching both
17 interfaces and displaying means for displaying an interface with an similar appearance.
18

1 20. The virtual network resource infrastructure according to claim 1, wherein said virtual
2 network resource infrastructure having a method of uploading a **file with settings** for the
3 purpose of changing an interface's appearance as to allow the same interface to have more
4 than one appearances, comprising: (a) a client having uploading means for uploading a file
5 with settings and having transmitting means for transmitting said uploaded file with
6 settings to said virtual network resource infrastructure; (b) said virtual network resource
7 infrastructure having receiving and processing means for receiving and processing said
8 uploaded file with settings and extracting means for extracting said file settings'
9 parameters; also, (c) said virtual network resource infrastructure having inserting means
10 for inserting said extracted parameters into said interface; (d) said virtual network
11 resource infrastructure having transmitting means for transmitting said interface to a **client**
12 and said interface having a new appearance based on said extracted parameters; and (e)
13 said **client** of step (d) having receiving and displaying means for receiving and displaying
14 an interface and said interface having an appearance based on said user uploaded file with
15 setting's parameters.

16
17 21. The virtual network resource infrastructure according to claim 1, wherein said virtual
18 network resource infrastructure having a satellite e-mall and said satellite e-mall having at
19 least one e-service and making said e-service available to at least one e-shop, comprising:

an e-shop having accepting means for accepting said satellite e-mall e-service; presenting means for presenting said e-service with at least one of said e-shop's product to a client.

22. The virtual network resource infrastructure according to claim 1, wherein said virtual network resource infrastructure having a satellite e-mall and said satellite e-mall having at least one e-service and making said e-service available to at least one e-mall, comprising: an e-mall having accepting means for accepting said e-service; and presenting means for presenting said e-service with at least one of said e-mall e-shop's product to a client.

23. The virtual network resource infrastructure according to claim 1, wherein said virtual network resource infrastructure having at least one satellite e-mall and said satellite e-mall having at least one e-service and at least one e-mall within said virtual network resource infrastructure having incorporating means for incorporating said satellite e-mall and said satellite e-mall's e-service, also, said e-service having a guiding means for guiding said e-mall the displaying of said e-mall e-shops' products along with said e-service.

24. The virtual network resource infrastructure according to claim 23, wherein said guiding means is **encoded information** in at least one **form object element**.

1 25. The virtual network resource infrastructure according to claim 23, wherein said guiding
2 means is **encoded information** within said **e-service**.

3
4 26. The virtual network resource infrastructure according to claim 1, wherein a server having
5 creating means for creating a page and said page containing at least one object and said
6 object having at least one **encoded information** and said **encoded information** is used by
7 said server as guiding means for guiding said server to include at least one other object in
8 said page and said server having transmitting means for transmitting said page to a client.

9
10
11 27. The virtual network resource infrastructure according to claim 1, wherein said virtual
12 network resource infrastructure having a method for receiving and supplying e-services,
13 comprising: a server having at least one e-service and said server having means for making
14 said e-service available to a secondary server and said secondary server is within the
15 virtual network resource infrastructure; and at least one other server within the virtual
16 network resource infrastructure having retrieving means for retrieving said e-service from
17 said secondary server and presenting means for presenting said e-service to a user at a
18 client.

19

1 28. The virtual network resource infrastructure according to claim 1, wherein said virtual
2 network resource infrastructure having a user surfing tracking method where a server
3 supplying information to a client creates a **surf user-list** for tracking said supplied
4 information to each of said client, comprising: a server with storing means for storing a
5 **surf code reference** for each of said information supplied to each of said client and
6 creating means for creating a **surf user-list** in said server for each of said client; and a
7 client with requesting means for requesting a **surf user-list** that is stored in said server,
8 also, said client having receiving means for receiving said **surf user-list** from said server
9 and displaying means for displaying said **surf user-list**.

11 29. The virtual network resource infrastructure according to claim 28, wherein each of said
12 information supplied to each of said client has a **surf code reference** for each of said
13 supplied information and said **surf code reference** is automatically stored in said server
14 for each of said client and available for creating and presenting a surf user-list of
15 previously viewed pages of information.

17 30. The virtual network resource infrastructure according to claim 1, wherein said virtual
18 network resource infrastructure having agents and each of said agent having log in and

1 management rights at said virtual network resource infrastructure and use said virtual
2 network resource infrastructure resources for providing management services, comprising:

3
4 A) Each of said agent providing said management services to at least one e-shop;

5
6 B) Each of said agent providing said management services to at least one e-mall;

7
8 C) Each of said agent providing said management services to at least one web site;

9
10 D) Each of said agent providing said management services to at least one e-distributor;

11
12 31. The virtual network resource infrastructure according to claim 1, wherein said virtual
13 network resource infrastructure having a method of a **customized web site** for presenting
14 different information about the same subject matter tailored uniquely to each user based
15 on each user's pre-set information, comprising: a user supplies information to the virtual
16 network resource infrastructure and said virtual network resource infrastructure having
17 storing means for storing said user supplied information; and upon said user requests
18 information about a subject matter from said virtual network resource infrastructure, said
19 virtual network resource infrastructure will only supply information about said requested

1 subject matter to said user that is relevant to said user pre-set information stored in said
2 virtual network resource infrastructure.

3
4 32. The virtual network resource infrastructure according to claim 31, wherein said virtual
5 network resource infrastructure having a plurality of information relating to a specific
6 subject matter and upon a user requests information from said virtual network resource
7 infrastructure, said virtual network resource infrastructure will only supply information
8 about a subject matter that is based on said user's pre-set information which is stored in
9 said virtual network resource infrastructure.

10
11 33. The virtual network resource infrastructure according to claim 1, wherein said virtual
12 network resource infrastructure further comprising: (a) a plurality of e-malls and each of
13 said e-mall having at least one e-shop; (b) each of said e-mall having including means for
14 including at least one **e-shop** from another e-mall within the virtual network resource
15 infrastructure; and (c) having presenting means for presenting said **e-shop's products** of
16 step (b) along with said e-mall e-shops' products of step (a) to an end-user at a client.

17
18 34. The virtual network resource infrastructure according to claim 1, wherein at least one e-
19 mall having creating means for creating e-services and said e-services having associating

1 means for associating said e-mall e-shops' products with said e-services; said e-services
2 having guiding means for guiding said e-mall in presenting said e-mall e-shops' products
3 with said e-mall e-services, comprising:

4
5 A) Said e-services guiding means is an encoded reference in a form element;

6
7 B) Said e-services guiding means is at least one word in said e-services;

8
9 C) Said e-services guiding means is provided by said e-mall and it is within said e-
10 services;

11
12 35. The virtual network resource infrastructure according to claim 1, wherein a plurality of e-
13 malls over the Internet or over a computer network and each of said e-mall using said
14 virtual network resource infrastructure means for hosting and managing e-shops, e-
15 distributors and web sites, comprising:

16
17 A) Each of said e-mall hosting at least one e-shop.

18
19 B) Each of said e-mall hosting at least one e-distributor.

C) Each of said e-mall hosting at least one web site.

36. The virtual network resource infrastructure according to claim 1, wherein a method of displaying a plurality of e-services on a client computer and at least one of said e-service is retrieved from a different location, also, at least one of said e-service having guiding means for guiding said virtual network resource infrastructure in combining its e-shops' products with said e-service.

37. A virtual network resource infrastructure having hosting and management means for hosting and managing a plurality of e-malls over the Internet or over a computer network and each of said e-mall using said virtual network resource infrastructure means for hosting and managing e-shops, e-distributors and web sites, comprising:

D) Each of said e-mall hosting at least one e-shop.

E) Each of said e-mall hosting at least one e-distributor.

F) Each of said e-mall hosting at least one web site.

1
2 38. A program in a storage medium in which the program having means for processing the
3 hosting and management of a plurality of e-malls within the resource infrastructure where
4 it has been stored and which can be read and processed by a computer and each of said e-
5 mall using said resource infrastructure hosting and management means for hosting and
6 managing e-shops, e-distributors and web sites, comprising:

7
8 A) Each of said e-mall hosting at least one e-shop.

9
10 B) Each of said e-mall hosting at least one e-distributor.

11
12 C) Each of said e-mall hosting at least one web site.

13
14 39. An e-commerce resource infrastructure having hosting and management means for hosting
15 and managing a plurality of e-malls and each of said e-mall using said e-commerce hosting
16 and management means for hosting and managing e-shops, e-distributors and web sites,
17 comprising:

18
19 A) Each of said e-mall hosting at least one e-shop.

1
2 B) Each of said e-mall hosting at least one e-distributor.

3
4 C) Each of said e-mall hosting at least one web site.

5
6 40. A method of on-line text object translation where a user at a client initiates a request for a
7 page translation and said client transmits said user request to a server, comprising: a client
8 having selecting means for selecting a foreign language and a user at said client uses said
9 selecting means and selects a foreign language and said client having transmitting means
10 for transmitting said user selected foreign language in the form of **encoded information**
11 to a server; said server having receiving means for receiving said **encoded information**
12 from said client and said **encoded information** represents said user selected foreign
13 language, also, said server having processing means for processing a program code and
14 said program code having a translation function and said translation function having
15 translating means for translating a page; said server having transmitting means for
16 transmitting said translated page to said client; and said client having receiving and
17 displaying means for receiving and displaying said translated page.
18

41. The virtual network resource infrastructure according to claim 40, wherein said function having receiving means for receiving two parameters and inserting means for inserting said function result into a page, comprising: (a) a **code reference** for retrieving a database table's row containing different foreign language text object in each column of said retrieved database table's row; (b) an **encoded information** for retrieving a column at said retrieved database table's rows of step (a) and said retrieved database column is a database text object in the user selected foreign language; and inserting means for inserting said retrieved text object of step (b) into a page.

42. A method for on-line page translation for translating text objects and database text objects, comprising: a user at said client selects a foreign language and said client having transmitting means for transmitting said user selection in the form of **encoded information** to a server; said server having receiving means for receiving said **encoded information**; said server having processing means for processing a program and said program having a translating function for translating text objects, also, said program having combining means for combining said **encoded reference** with SQL text string and form a SQL query expression and said query expression's result will only include database text objects in the user selected foreign language; said server having transmitting means for transmitting said translated page to said client; and said client having receiving and

1 displaying means for receiving and displaying said translated page in the said user selected
2 foreign language.

3
4 43. The method for on-line page translation for translating text objects and database text
5 objects according to claim 42, wherein an **encoded information** is combined with a SQL
6 text string and said SQL text string is a **query expression** for querying a database,
7 comprising: a server having receiving means for receiving said **encoded information** and
8 processing means for processing a program code and said program code having
9 processing means for processing said **query expression** and perform a database query,
10 and, said query's result will only retrieve database text objects in said user selected foreign
11 language; and inserting means for inserting said retrieved text object into a page.

12
13 44. A method for exchanging a web site's interface where an end-user at a client uploads an
14 interface to a server, comprising: a client having uploading means for uploading a user
15 interface and said user uploaded interface is the front-end means for a user at a client
16 accessing said server back-end means; a server having receiving and processing means for
17 receiving and processing said user uploaded interface and creating means for creating a
18 new interface.

19

1 45. The method for exchanging a web site's interface according to claim 44, wherein said user-
2 uploaded interface is a web site's front-end means for accessing said server back-end
3 means where said web site is hosted.
4

5 46. The method for exchanging a web site's interface according to claim 44, wherein said user
6 uploaded interface having guiding means for guiding said server in the inserting of
7 program code means and processing means for processing said user uploaded interface
8 along with said inserted program code and creating means for creating a new interface.
9

10 47. The method for exchanging a web site's interface according to claim 44, wherein said user
11 uploaded interface having guiding means for said server in the inserting of information in
12 said user uploaded interface and creating means for creating a new interface.
13

14 48. The method for exchanging a web site's interface according to claim 44, wherein said user
15 uploaded interface residing at the same network where said web site resides, another
16 interface having a similar appearance as of said user uploaded interface residing at a
17 different location, and a client having fetching means for fetching more than one interface
18 and displaying means for displaying an interface with a similar appearance.
19

1 49. A user surfing tracking method where a server supplying information to a client creates a
2 **surf user-list** for tracking said supplied information to each of said client, comprising: a
3 server with storing means for storing a **surf code reference** for each of said information
4 supplied to each of said client and creating means for creating a **surf user-list** in said
5 server for each of said client; and a client with requesting means for requesting a **surf**
6 **user-list** that is stored in said server, also, said client having receiving and displaying
7 means for receiving and displaying said **surf user-list**.

8
9 50. The user surfing tracking method according to claim 49, wherein each of said information
10 supplied to each of said client has a **surf code reference** for each of said supplied
11 information and said **surf code reference** is automatically stored in said server for each of
12 said client and available for creating and presenting a **surf user-list** of previously visited
13 pages of information.

14
15 51. A method of a **customized web site** for presenting different information about the same
16 subject matter tailored uniquely to each user based on each user's pre-set information,
17 comprising: a user furnishes information to a server and said server having storing means
18 for storing said user furnished information; and upon said user requests information about
19 a subject matter from said server, said server will only supply information about said

1 requested subject matter to said user that is relevant to said user pre-set information
2 stored in said server.
3

4 52. The method of a **customized web site** according to claim 51, wherein said server having a
5 plurality of information relating to a specific subject matter and upon a user requests
6 information from said server, said server will only supply information about a subject
7 matter that is based on said user's pre-set information which is stored in said server.
8

9 53. A method of uploading a file with settings for the purpose of changing an interface's
10 appearance as to allow the same interface to have more than one appearances, comprising:
11 (a) a client having uploading means for uploading a file with settings and having
12 transmitting means for transmitting said uploaded file with settings to a server; (b) said
13 server having receiving and processing means for receiving and processing said uploaded
14 file with settings and extracting means for extracting said file setting's parameters; also, (c)
15 said server having inserting means for inserting said extracted parameters into said
16 interface; (d) said server having transmitting means for transmitting said interface to a
17 **client** and said interface having a new appearance based on said extracted parameters; and
18 (e) said **client** of step (d) having receiving and displaying means for receiving and

1 displaying an interface and said interface having an appearance based on said user
2 uploaded file with setting's parameters.
3

4 54. A method of displaying a plurality of e-services on a client computer and at least one of
5 said e-service is retrieved by a secondary computer and said secondary computer will
6 make said retrieved e-service available to at least one tertiary computer, and said tertiary
7 computer having transmitting means for transmitting said e-service to said client computer
8 and said client computer having receiving and displaying means for receiving and
9 displaying said e-services.
10

11 55. A server having creating means for creating a page and said page containing at least one
12 object and said object having at least one **encoded information** and said **encoded**
13 **information** is used by said server as guiding means for guiding said server to include at
14 least one other object in said page and said server having transmitting means for
15 transmitting said page to a client.
16

17 56. A program in a storage medium in which the program having means for processing the
18 hosting of a three levels solutions where it has been stored and which can be read by a
19 computer, comprising: the **first level** is the hosting means for hosting a plurality of

locations (**second level**) and each of said location uses said hosting means of the **first level** and offers said hosting means to at least one other location (**third level**).

57. A method of online solution comprising of three levels where the **third level** uses the solution offered by **the first level** where the hosting means is located through a **second level**.

58. A method of online solution where a virtual server hosting the resource infrastructure retrieves database objects from at least one dynamic server and combine said retrieved database objects with said virtual server's database objects and uses said combined database objects to offer solutions, comprising:

- A) Making said solution available to at least one e-mall hosted at said virtual server;
- B) Making said solution available to at least one e-shop hosted at said virtual server;
- C) Making said solution available to at least one e-distributor hosted at said virtual server;